



Journal of Medical Imaging and Health Informatics

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Call for Papers
Journal of Medical Imaging and Health Informatics
Special Issue on
“Novel Techniques for Remote Health Care Monitoring”

Research advances in healthcare have facilitated the integration of technologies to develop smart, cost-effective, reliable and pervasive remote health monitoring systems. With the rapid developments in VLSI circuits, nanotechnology, wearable devices, lab on chip and system on chip, Remote Health Care Monitoring (RHCM) has become an intense area of research. Hence, research efforts should focus on developing real-time biotelemetry systems that are used to deliver healthcare information effectively. The new techniques to transmit physiological signals and medical images offer promising methods for enhancing health care monitoring and reducing risks and costs. This special issue will focus on novel signal and image processing techniques for remote health care monitoring systems by identifying new perspectives and highlighting potential research issues and challenges. Specifically, this special issue will demonstrate how the emerging technologies could be used in future healthcare systems. Original review and survey articles will be considered as well. The topics of interest in the context of RHCM include, but are not limited to:

- Antennas for biotelemetry
- Beam forming techniques
- Bioinformatics
- Body area networks
- Embedded systems
- Fault tolerance, reliability and scalability
- Image processing techniques
- Imaging sensors
- IoT for smart health care systems
- Nano devices and systems
- Signal conditioning techniques
- Signal acquisition sensors
- VLSI architectures
- VLSI Signal processing techniques
- Wearable and implantable systems
- Wireless communication techniques

Important Dates:

Manuscript Due: 30 September 2016

First Round of Reviews: 30 November 2016

Second Round of Reviews: 31 December 2016

Revised Manuscript Due: 1 February 2017

Publication Date: August 2017

Please submit Manuscripts using the msTracker system, available at <http://mstracker.com>. Authors must mention in their cover letter that the particular manuscript is for this special issue (SI-NT RHCM) and the name of guest editor so that the guest editor can be notified separately.

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